

ABSTRACT OF THE DISCLOSURE

A thermal insulating material is formed by providing one or more card webs as a stack, each card web including a matrix fiber, a heat-melting fiber, and a thin film formed by the heat-melting fiber which is fused on a surface of the card web. In the case of multiple card webs, each card web has the heat-melting fiber within the card web fused together, and the card webs are integrated by fusing of the heat-melting fibers between the card webs. The thermal insulating material is used such that the direction in which the card webs are stacked runs parallel to the direction in which thermal insulation is effected.